INTERNATIONAL SEARCH REPORT

Int tional Application No PCT/US2004/037152

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61K39/395 C12N5/20
//C07K16/28

C. DOCUMENTS CONSIDERED TO BE RELEVANT

A61P33/06

A61P35/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) $IPC \ 7 \ C07K \ A61K$

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, EMBASE, WPI Data, Sequence Search, PAJ

Category °	Citation of document, with indication, where appropriate, of	Relevant to claim No.	
X	WO 02/28904 A (CHIRON CORPORA KETING; WANG, CHANGYU; YOSHIH DO) 11 April 2002 (2002-04-11 pages 1,9 page 30	1-54	
X	WO 01/83755 A (GEMINI SCIENCE MIKAYAMA, TOSHIFUMI; TAKAHASH CHEN, XI) 8 November 2001 (20 page 2 - page 3 page 10 - page 13; figure 1	1–54	
X	WO 02/088186 A (KIRIN BEER KA KAISHA; MIKAYAMA, TOSHIFUMI; HITOSHI; FO) 7 November 2002 example 14	YOSHIDA,	1–54
χ Furth	ner documents are listed in the continuation of box C.	X Patent family members are listed in	in annex.
' Special cat	tegories of cited documents :		
consider consider the search of the search o	nt which may throw doubts on priority claim(s) or solited to establish the publication date of another or or other special reason (as specified) and referring to an oral disclosure, use, exhibition or neans and properties of the international filing date but an the priority date claimed are completion of the international search	"T" later document published after the Inte or priority date and not in conflict with cited to understand the principle or the invention "X" document of particular relevance; the cannot be considered novel or cannot involve an inventive step when the do "Y" document of particular relevance; the cannot be considered to involve an inventive and the document is combined with one or moments, such combination being obvious in the art. "&" document member of the same patent. Date of mailing of the international sea.	the application but every underlying the serve underlying the statement of the considered to coment is taken alone stalmed invention ventive step when the ore other such docuus to a person skilled family
consider consider the search of the search o	ered to be of particular relevance locument but published on or after the international late in the international late in the international late in the international late in the international late of another late of establish the publication date of another late of or other special reason (as specified) intreferring to an oral disclosure, use, exhibition or neans in the priority date claimed in the priority date claimed	or priority date and not in conflict with cited to understand the principle or the invention "X" document of particular relevance; the cannot be considered novel or cannot involve an inventive step when the do "Y" document of particular relevance; the cannot be considered to involve an involve	the application but every underlying the serve underlying the statement of the considered to coment is taken alone stalmed invention ventive step when the ore other such docuus to a person skilled family

INTERNATIONAL SEARCH REPORT

Ini tional Application No
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	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	-& EP 1 391 464 A (KIRIN BEER KABUSHIKI KAISHA) 25 February 2004 (2004-02-25) example 14	1-54
A	ELLMARK PETER ET AL: "Modulation of the CD40-CD40 ligand interaction using human anti-CD40 single-chain antibody fragments obtained from the n-CoDeR phage display library" IMMUNOLOGY, vol. 106, no. 4, August 2002 (2002-08), pages 456-463, XP002326342 ISSN: 0019-2805 figures 1,3	1-54
A	HAGER A -C MALMBORG ET AL: "Affinity and epitope profiling of mouse anti-CD40 monoclonal antibodies." SCANDINAVIAN JOURNAL OF IMMUNOLOGY, vol. 57, no. 6, June 2003 (2003-06), pages 517-524, XP002326343 ISSN: 0300-9475 the whole document	1-11, 33-40

national application No. PCT/US2004/037152

INTERNATIONAL SEARCH REPORT

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This international Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. X Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
Although claims 12-31,41-44 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
This International Searching Authority found multiple inventions in this international application, as follows:
As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark on Protest The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

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